Aeronautics Educator Guide								
2006 Mathematics								
Content Standards								
Idaho Mathematics								
Grade 2								
Activity/Lesson	State	Standards						
			Select a tool that can measure a given attribute					
			(ruler – length, cup – volume, balance – weight,					
Air Engines (12-16)	ID	MA.2.2.M.2.1.1	clock – time, thermometer – temperature).					
Air Engines (12-16)	ID	MA.2.2.M.2.1.2	Estimate length and time using standard units.					
Air Engines (12-16)	ID	MA.2.2.M.2.1.6	Use appropriate vocabulary.					
			Gather and display data in tables, charts, and					
Rotor Motor (69-75)	ID	MA.2.2.M.5.2.1	bar graphs in order to answer a question.					
			Demonstrate knowledge of our numeration					
			system by counting forward by twos, fives, and					
Flight: Interdisciplinary			tens to 100 and by counting forward and					
Learning Activities (76-			backward by ones from any given number less					
79)	ID	MA.2.2.M.1.1.1	than 100.					
			Select a tool that can measure a given attribute					
Plan to Fly There (97-			(ruler – length, cup – volume, balance – weight,					
106)	ID	MA.2.2.M.2.1.1	clock – time, thermometer – temperature).					
Dunked Napkin (17-			Interpret information found in simple tables,					
22)	ID	MA.2.2.M.5.1.1	charts, bar graphs, and pictographs.					
Dunked Napkin (17-								
22)	ID	MA.2.2.M.5.1.2	Use appropriate vocabulary.					
,			Select a tool that can measure a given attribute					
Paper Bag Mask (23-			(ruler – length, cup – volume, balance – weight,					
28)	ID	MA.2.2.M.2.1.1	clock – time, thermometer – temperature).					
Paper Bag Mask (23-								
28)	ID	MA.2.2.M.2.1.2	Estimate length and time using standard units.					
Paper Bag Mask (23-			Ŭ Ü					
28)	ID	MA.2.2.M.2.1.6	Use appropriate vocabulary.					
			Recognize, name, build, compare, and sort the					
			two- and three-dimensional shapes of triangles,					
Paper Bag Mask (23-			rectangles, squares, circles, cones, cubes,					
28)	ID	MA.2.2.M.4.1.1	spheres, cylinders, and pyramids.					
Paper Bag Mask (23-								
28)	ID	MA.2.2.M.4.1.3	Draw a line of symmetry.					
			Select a tool that can measure a given attribute					
Wind in Your Socks)			(ruler – length, cup – volume, balance – weight,					
(29-35)	ID	MA.2.2.M.2.1.1	clock – time, thermometer – temperature).					
Wind in Your Socks)								
(29-35)	ID	MA.2.2.M.2.1.2	Estimate length and time using standard units.					
Wind in Your Socks)			<u> </u>					
(29-35)	ID	MA.2.2.M.2.1.6	Use appropriate vocabulary.					
Wind in Your Socks)								
(29-35)	ID	MA.2.2.M.5.1.2	Use appropriate vocabulary.					
Wind in Your Socks)			Gather and display data in tables, charts, and					
(29-35)	ID	MA.2.2.M.5.2.1	bar graphs in order to answer a question.					
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Aeronautics Educator Guide								
		2006 Mathema	tics					
Content Standards								

State	Standards						
		Select and use appropriate units and tools to					
		make formal measurements of length and					
ID	MA.3.3.M.2.1.1	temperature in both systems.					
		Estimate length, time, and weight in real-world					
ID	MA.3.3.M.2.1.2	problems using standard units.					
		Identify relationships of length and time within					
		the U.S. customary system and within the metric					
ID	MA.3.3.M.2.1.5	system.					
ID	MA.3.3.M.2.1.7	Use appropriate vocabulary.					
ID	MA.3.3.M.2.1.4	Solve real-world problems related to time.					
		Identify relationships of length and time within					
		the U.S. customary system and within the metric					
ID	MA.3.3.M.2.1.5	system.					
ID	MA.3.3.M.2.1.4	Solve real-world problems related to time.					
		Identify relationships of length and time within					
		the U.S. customary system and within the metric					
ID	MA.3.3.M.2.1.5	system.					
ID	MA.3.3.M.5.1.2						
		Collect, organize, and display data in tables,					
		charts, or bar graphs in order to answer a					
ID	MA.3.3.M.5.2.1	question.					
		Select and use appropriate units and tools to					
		make formal measurements of length and					
ID	MA.3.3.M.2.1.1	temperature in both systems.					
ID.	NAA O O NA O A 7	I I a a a managaria da conselhada ma					
טון	MA.3.3.M.2.1.7	Use appropriate vocabulary.					
ID	MA 2 2 M 4 4 2	Discuss sliding and flipping of two-dimensional					
טו	MA.3.3.M.4.1.2	shapes.					
		Select and use appropriate units and tools to make formal measurements of length and					
ID	MA 22 M 2 1 1	in the second se					
טו	IVIA.3.3.IVI.2.1.1	temperature in both systems.					
ID	MA 22M217	Use appropriate vocabulary.					
טו	IVIA.J.J.IVI.Z. I. <i>I</i>	Ose appropriate vocabulary.					
ID	MASSMETS	Use appropriate vocabulary.					
	IVIA.J.J.IVI.J. I.Z	Collect, organize, and display data in tables,					
		charts, or bar graphs in order to answer a					
ID	MA 3 3 M 5 2 1	question.					
	1717 (.O.O.IVI.O.Z. I						
1	Aeronautics Educat	tor Guide					
2006 Mathematics							
Content Standards							
State	Standards						
	ID I	ID MA.3.3.M.2.1.1 ID MA.3.3.M.2.1.2 ID MA.3.3.M.2.1.5 ID MA.3.3.M.2.1.7 ID MA.3.3.M.2.1.4 ID MA.3.3.M.2.1.4 ID MA.3.3.M.2.1.5 ID MA.3.3.M.2.1.1 ID MA.3.3.M.5.1.2 ID MA.3.3.M.2.1.1 ID MA.3.3.M.2.1.1 ID MA.3.3.M.2.1.1 ID MA.3.3.M.2.1.7 ID MA.3.3.M.2.1.7 ID MA.3.3.M.2.1.7 ID MA.3.3.M.2.1.7 ID MA.3.3.M.2.1.1 ID MA.3.3.M.2.1.1 ID MA.3.3.M.2.1.1					

			Select and use appropriate units and tools to
			make the formal measurements of length,
Air Engines (12-16)	ID	MA.4.4.M.2.1.1	temperature, and weight in both systems.
All Eligines (12-10)	טו	IVIA.4.4.IVI.Z. 1. 1	Estimate length, time, weight, and temperature
Air Engines (42, 46)	ID		
Air Engines (12-16)	ID	MA.4.4.M.2.1.2	in real-world problems using standard units.
Flight, Interdical place.			
Flight: Interdisciplinary			Calve real world problems related to alanced
Learning Activities (76-			Solve real-world problems related to elapsed
79)	ID	MA.4.4.M.2.1.4	time.
Making Time Fly (80-	15		Collect, organize, and display data in tables and
86)	ID	MA.4.4.M.5.2.1	charts to answer a question.
Plan to Fly There (97-			Solve real-world problems related to elapsed
106)	ID	MA.4.4.M.2.1.4	time.
We Can Fly, You and			
I: Interdisciplinary			Solve real-world problems related to elapsed
Learning (107-108)	ID	MA.4.4.M.2.1.4	time.
			Select and use appropriate units and tools to
Paper Bag Mask (23-			make the formal measurements of length,
28)	ID	MA.4.4.M.2.1.1	temperature, and weight in both systems.
Paper Bag Mask (23-			
28)	ID	MA.4.4.M.2.1.8	Use appropriate vocabulary.
Paper Bag Mask (23-			Identify multiple lines of symmetry in two-
28)	ID	MA.4.4.M.4.1.3	dimensional shapes.
			Select and use appropriate units and tools to
Wind in Your Socks)			make the formal measurements of length,
(29-35)	ID	MA.4.4.M.2.1.1	temperature, and weight in both systems.
Wind in Your Socks)			Estimate length, time, weight, and temperature
(29-35)	ID	MA.4.4.M.2.1.2	in real-world problems using standard units.
Wind in Your Socks)			
(29-35)	ID	MA.4.4.M.2.1.8	Use appropriate vocabulary.
Wind in Your Socks)			
(29-35)	ID	MA.4.4.M.5.1.2	Use appropriate vocabulary.
Wind in Your Socks)			Collect, organize, and display data in tables and
(29-35)	ID	MA.4.4.M.5.2.1	charts to answer a question.
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